

LISTING OF THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-49 (canceled)

50. (previously presented) An isolated polynucleotide comprising a nucleic acid sequence encoding a polypeptide of SEQ ID NO: 8 wherein amino acid residue 155 is arginine or glycine; amino acid residue 158 is alanine or proline; amino acid residue 373 is valine or alanine; amino acid residue 511 is cysteine or arginine; and amino acid residue 654 is asparagine or lysine.
51. (previously presented) An isolated polynucleotide comprising a nucleic acid sequence encoding a mature form of a polypeptide of SEQ ID NO: 8 wherein amino acid residue 155 is arginine or glycine; amino acid residue 158 is alanine or proline; amino acid residue 373 is valine or alanine; amino acid residue 511 is cysteine or arginine; and amino acid residue 654 is asparagine or lysine.
52. (previously presented) An isolated polynucleotide comprising nucleic acid sequence SEQ ID NO: 7 wherein nucleic acid residue 472 is adenine or guanine; nucleic acid residue; 481 is guanine or cytosine; nucleic acid residue 1121 is thymine or cytosine; and nucleic acid residue 1566 is thymine or cytosine.
53. (previously presented) An isolated polynucleotide comprising a nucleic acid sequence that is the complement of polynucleotide SEQ ID NO: 7 wherein the nucleic acid residue at position 472 is thymine or cytosine; nucleic acid residue at position 481 is guanine or cytosine; nucleic acid residue at position 1121 is adenine or guanine; and nucleic acid residue at position 1566 is adenine or guanine.
54. (previously presented) A vector comprising the polynucleotide of claim 50.
55. (previously presented) The vector of claim 54, further comprising a promoter operably-linked to said polynucleotide.
56. (previously presented) A cell comprising the vector of claim 55.
57. (previously presented) A pharmaceutical composition comprising the polynucleotide of claim 50 and a pharmaceutically-acceptable carrier.
58. (previously presented) An isolated polynucleotide consisting of a nucleic acid sequence encoding a polypeptide of SEQ ID NO: 8.
59. (previously presented) The nucleic acid sequence of claim 50 which encodes arginine at amino acid residue 155.

60. (previously presented) The nucleic acid sequence of claim 50 which encodes glycine at amino acid residue 155.
61. (previously presented) The nucleic acid sequence of claim 50 which encodes alanine at amino acid residue 158.
62. (previously presented) The nucleic acid sequence of claim 50 which encodes proline at amino acid residue 158.
63. (previously presented) The nucleic acid sequence of claim 50 which encodes valine at amino acid residue 373.
64. (previously presented) The nucleic acid sequence of claim 50 which encodes alanine at amino acid residue 373.
65. (previously presented) The nucleic acid sequence of claim 50 which encodes cysteine at amino acid residue 511.
66. (previously presented) The nucleic acid sequence of claim 50 which encodes arginine at amino acid residue 511.
67. (previously presented) The nucleic acid sequence of claim 50 which encodes asparagine at amino acid residue 654.
68. (previously presented) The nucleic acid sequence of claim 50 which encodes lysine at amino acid residue 654.